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L7	32 DUPLICATE REMOVE L6 (17 DUPLICATES REMOVED)

L5 ANSWER 5 OF 39 CAPLUS COPYRIGHT 2000 ACS

ACCESSION NUMBER: 1987:182615 CAPLUS

DOCUMENT NUMBER: 106:182615

TITLE: Method for preparation of chromatographically pure
phosphatidylcholine from commercial
sunflower lecithin

AUTHOR(S): Stefanov, K.; Seizova, K.

CORPORATE SOURCE: Inst. Org. Chem., Sofia, 1040, Bulg.

SOURCE: Izv. Khim. (1986), 19(4), 528-33

CODEN: IZKHDX; ISSN: 0324-0401

DOCUMENT TYPE: Journal

LANGUAGE: Bulgarian

AB Com. **sunflower** lecithin in general contains 40-50% neutral and 35-45% polar lipids, e.g., **phosphatidylcholine** (PC), **phosphatidylethanolamine** (PE) and **phosphatidylinositol** (PI) in approx. equal quantities. The isolation of PC-enriched fraction was based on the acylation of PE and partly of PI at room temp. in a CHCl₃-pyridine soln. with a 5-fold excess of Ac₂O. The reaction mixt.

was

pptd. with Me₂CO and dissolved in EtOH. The soln. contg. >85% PC can be used directly as a starting material for the prepn. of liposomes or purified by column chromatog. on silica or on alumina and eluted by CHCl₃-MeOH.